



Actuated Valves Product

Valve Actuation Questionnaire Checklist Ball Valves

Contact Name: _____ **Date:** _____
Business Name: _____
City: _____ **State:** _____ **Country:** _____
Phone: _____ **Fax:** _____ **E-mail:** _____
Project Name: _____

Ball Valves: System Media Pressure (Required) psi _____ kPa _____ Bar _____ Nominal Size in _____ mm _____ cm _____		Valve Quantity Each _____
Ball Valve Type : True Union <u>Industrial</u> <input type="checkbox"/> Three Way Full Port <input type="checkbox"/> (See 3-way orientation box below) True Union <u>Standard</u> <input type="checkbox"/> Three Way Regular <input type="checkbox"/> (See 3-way orientation box below) True Union Tee Style <input type="checkbox"/> Tandem Three Way <input type="checkbox"/> (Tandem Diverter Orientation Questionnaire Required) Compact <input type="checkbox"/> Other Valve Type <input type="checkbox"/> _____		
Body Material: PVC <input type="checkbox"/> CPVC <input type="checkbox"/> LE PVC <input type="checkbox"/>		O-ring Seals : EPDM <input type="checkbox"/> FKM <input type="checkbox"/> Other <input type="checkbox"/> (If Other Explain) _____ Socket <input type="checkbox"/> Threaded <input type="checkbox"/> SR Threaded <input type="checkbox"/>
End Connector : Flange <input type="checkbox"/> Spigot <input type="checkbox"/> Metric <input type="checkbox"/> DIN <input type="checkbox"/> JIS <input type="checkbox"/> BSP(Thread) <input type="checkbox"/>		
Vertical 3-Way Orientation <input type="checkbox"/> Single L Port <input type="checkbox"/> Double L Port <input type="checkbox"/> Triple L Port <input type="checkbox"/> T Port <input type="checkbox"/> T Port Mixing <input type="checkbox"/> Double Port Mixing		Horizontal 3-Way Orientation <input type="checkbox"/> L Port <input type="checkbox"/> T Port <input type="checkbox"/> Double Port <input type="checkbox"/> T Port-Mixing

Pneumatic **Not all combinations may be available.**
FailSafe Type - (Position to which valve cycles upon air loss)
 Double Acting (No FailSafe. Stays in last activated position)
 Spring Return - Close (FailSafe in closed position upon air loss)
 Spring Return - Open (FailSafe in open position upon air loss)
 Other: _____
Operating Air Pressure (psi) - (Compressed air supply required to operate actuator)
 80-150 Other: _____
Override Type - (Override used to cycle valve upon air loss)
 Basic Declutchable Other: _____

Electric **Not all combinations may be available.**
 Basic Two Position (90 Degree Travel Standard)
 3 Position 90 180
FailSafe Position (if required)
 Fail Open - FailSafe in open position upon power loss
 Fail Close - FailSafe in closed position upon power loss
Voltage Supply Power:
 115 VAC 230 VAC Other: _____
Frequency 50 Hertz 60 Hertz
Phase Single Three
Override Type - (Override used to cycle valve upon power loss)
 Basic Declutchable Other: _____
Duty Cycle (Amount of work valve can accomplish before requiring rest)
 25% 75% Other/Min. Requirement : _____

Note: On "Fail Safe" Options
Two Positions ONLY
Override Not Recommended.

Aux. Limit Switches- Additional mechanical switches to operate external lights, alarms etc. (set of 2)
 SPDT - Mechanical SPDT - Proximity DPDT - Mechanical
 Voltage Signal Type Specify Voltage: _____
Visual Indicator - (Provides local visual valve position indication)
 Low Profile Dome No Indicator
Positioner Type - (Positioner accepts an input signal from PLC to control valve cycle).
 Pneumatic Positioner (Air supply required to operate valve)
 Signal Pressure (Air pressure required to position the valve)
 3-15 psi Other: _____
 Electro-Pneumatic Positioner (Air and voltage supply required to operate)
 Signal Voltage Input 4-20mA 0-10 VDC Other: _____

Positioner with Transmitter
 Signal Input 4-20mA 0-10 VDC Other: _____
Transmitter - (Sends output signal to PLC to provide valve position)
 Signal Output 4-20mA 0-10 VDC Other: _____
 Positioner - NO Transmitter
 Signal Input 4-20mA 0-10 VDC Other: _____

With Transmitter - (Sends output signal to PLC to provide valve position)
Transmitter Output 4-20mA 0-10 VDC Other: _____
NEMA Rating - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)
 4 4x Other: _____
Solenoid Valve - (Regulates actuator intake/exhaust air supply)
 3 & 4 Way Dual Coil (Double Acting Actuators only) Other: _____
Solenoid Valve Voltage
 115 VAC 230 VAC Other: _____
NEMA Rating - (Enclosure rating indicates level of ingress protection from fluids and solids)
 4 4x Other: _____

Auxiliary Limit Switches (Additional mechanical switches to operate external lights, alarms etc.)
 2 4 (Set of 2 each)
Standard Accessories - All options not available in all actuator combinations
 Torque Sensor LED Indicating Lights (red /green)
 Battery Backup 2 Wire Control Relay
 Speed Control
 Heater & Thermostat
 [On @ 41F] [Off @ 60.8F] [On @ 62.6F] [Off @ 80.6F] [On @ 69.8F] [Off @ 89.6F]

Other Options:

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